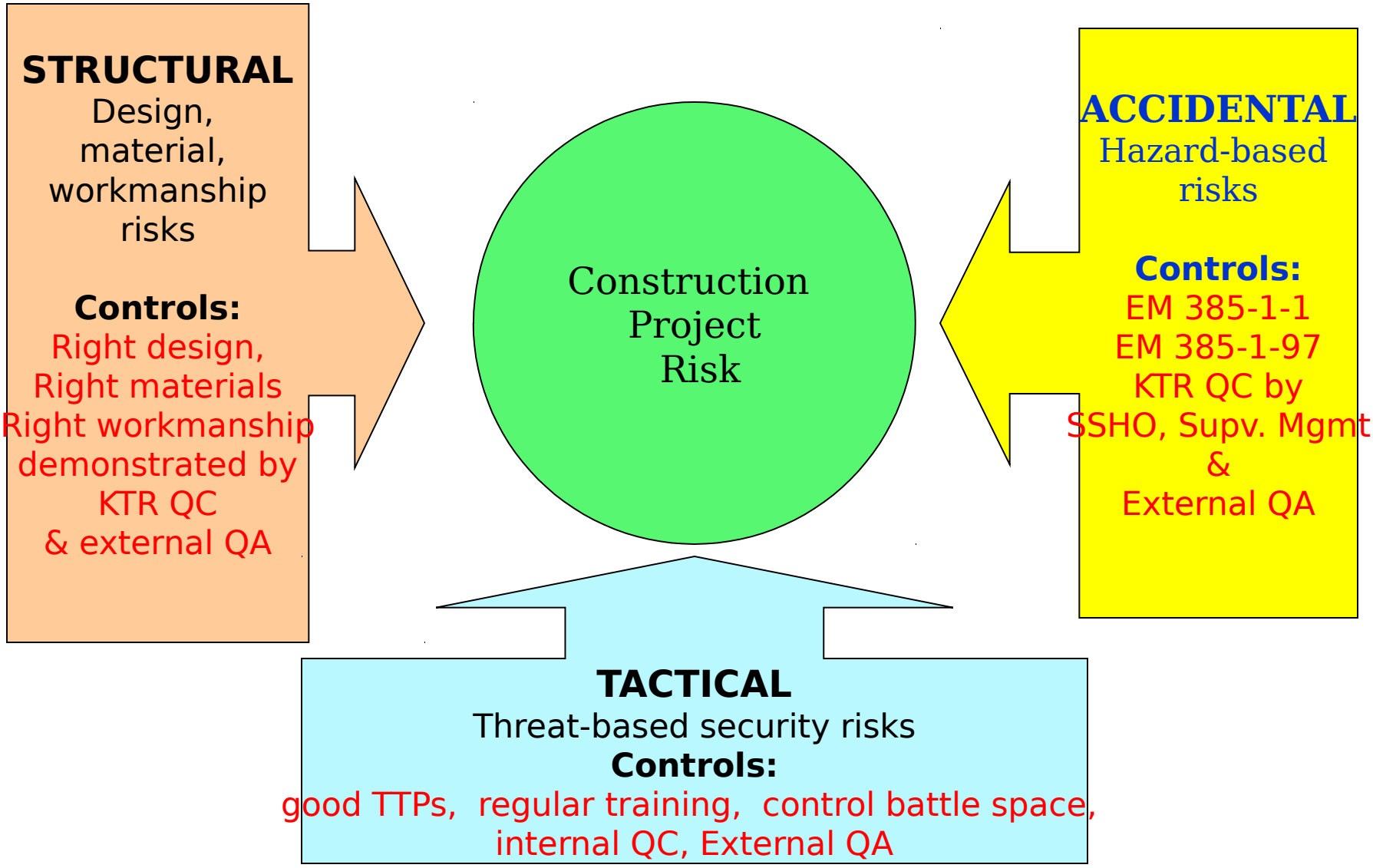
Safety Management on USACE Projects

Construction Safety Risks

Safety Focus Areas

Key requirements

Construction Safety Risks



Risk Management Process

- Addresses each of the aspects
  - Structural, Accidental, Tactical
- Prioritizes risks in each aspect
- Concentrates resources on highest risk in each aspect first – then on lower risks.
- Evaluates effectiveness of controls

Risk Assessment Matrix					
Severity	Probability				
	Frequent	Likely	Occasional	Seldom	Unlikely
Catastrophic	E	E	H	H	M
Critical	E	H	H	M	L
Marginal	H	M	M	L	L
Negligible	M	L	L	L	L
E - Extremely High H - High M - Moderate L - Low					

Safety Focus Areas

- Construction Accident

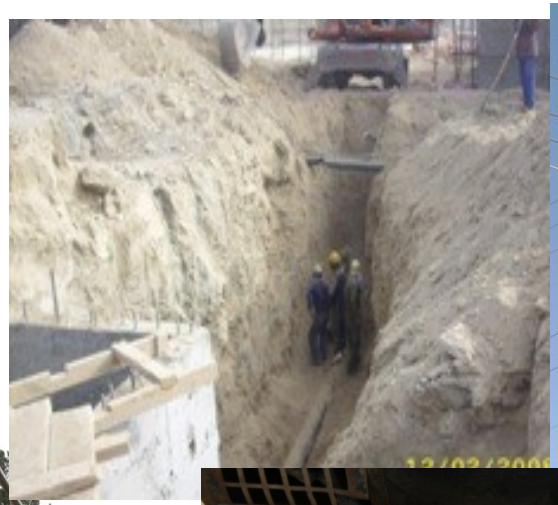
  Safety

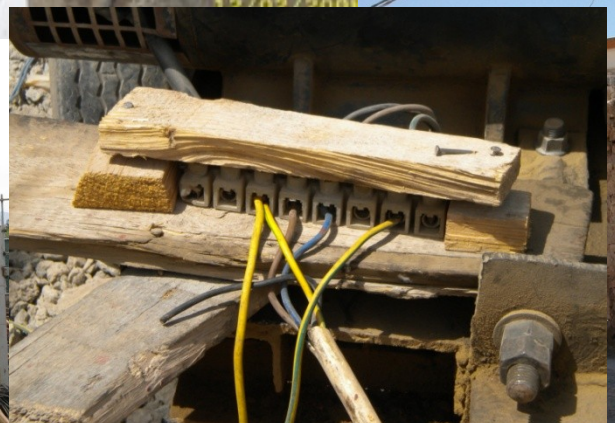
- Demining / UXO Safety

- Accident Reporting &

Construction Hazards – Big 3

Scaffolding & Fall Protection	Excavation	Electrical





Construction Safety Requirements

- SSHO required must have 30 Hr. Construction Safety course.
- APP with AHA must be accepted by AED-N.
- AHA should match features of work.
- Workers must be briefed using AHA at the start of each feature of work.
- SSHO must be on-site at all times and must make regular walk-thru inspections for compliance.
- SSHO must keep a log of these deficiencies and track to closure.

Explosive Hazards

Thermal flux, Blast Overpressure, Fragmentation

Thermal Flux (Fireball)	Blast Overpressure (Blast	Fragmentation

UXO/Demining

- Requirements:
  - Use an accredited subcontractor
  - Submit a UXO / Demining workplan
  - Clear to 1 meter depth
  - Provide a completed clearance certificate.
  - Do not start work until the certificate is approved

Accident Reporting & DBA Insurance

- REPORT ALL ACCIDENTS.
- Requirements:
  - get and maintain coverage,
  - file claims within 10 days of worker injury or death. (including hostile fire WIA/KIA).
- LS 202 is the form for filing to CNA/Rutherford.
- A copy of the LS 202 must be sent to the KO/COR and AED-N Safety Office.

Summary

- We expect you to manage all aspects of construction safety: Structural, Tactical, and Accidental
- Your Quality Control Plan, Security Plan, and Accident Prevention Plan is how you communicate to us how you will do this.
- Three Safety focus areas are:
  - BIG 3 (falls, excavations, electrical);
  - Unexploded ordnance/mines; and
  - DBA Insurance.
- Take advantage of training opportunities to learn how to manage each of these – AISA and ABA are working with USACE to provide training in all these areas.

Questions ? ? ?

Always ask if you are not sure.

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